

Oil- Gas Storage and Transportation Engineering

Program Code: 082003

1. Program Duration: 4-8 years

2. Required Credits: No less than 14 credits.

3. Curriculum

Course Type	Course Code	Course Name	Credit Hours	Credits	Semesters	Notes
Required course	7000001	Survey of China	36	2	1	
	7000011	Primary Chinese Language	32	2	1	
	7062001	Modern Progress in Oil & Gas Storage and Transportation Engineering	48	3	1	
Optional course	7062002	Computational Fluid Dynamics	32	2	2	
	6064003	Tensor Analysis in Engineering Mechanics	32	2	1	
	7063002	Recent advances in computational heat transfer	32	2	2	
	6000013	Visual-Audio-Oral Practice of English For Postgraduates	16	1	2	select 2 courses
	6000014	Academic English: Reading & Writing	16	1	2	
	6000015	Contrastive Study of English And Chinese & Translation	16	1	2	
	6000016	Cross-Cultural Communication	16	1	2	
	6000017	Appreciation of The Classic Literary Works in English-Speaking Countries	16	1	2	
	6000018	English For Energy	16	1	2	

	6000019	English For Studying Abroad	16	1	2	
	7000024	Modern Applied Mathematics	48	3	1	
	6000033	Functional Analysis	48	3	1	
	6000020	Russian (Second Foreign Language)	16	1	2	
	6000069	UPC Intensive Curricula	-	≤3	1-6	
	5062001	Design and Management of Oil Pipeline	48	3	2	≥4 Credits
	5062002	Design and Management of Gas Transmission Line	48	3	2	
	5062003	Oil & Gas Gathering and Transportation	48	3	1	
	5062004	Design and Management of Oil Depot	48	3	1	
	6062002	Rheology of Crude Oil	32	2	2	
	6062001	Oil, Gas and Water Multiphase Flow in Pipelines	48	3	2	
	6063102	Advanced Heat Transfer	48	3	2	
	6063101	Advanced Engineering Thermodynamics	48	3	1	
	6062014	Advanced Fluid Dynamics	48	3	1	
	7064002	Foundations of Solid Mechanics	48	3	1	
Compulsory part	8060101	Literature Reading and Thesis Proposal	-	1	4	
	8060102	Overseas Academic Exchange and Study & Training	-	1	1-8	